15" TFT LCD XGA color monitor

150B3M

Ultra Slim Frame

- ***15-inch color LCD monitor with excellent display performance***
- ***Stereo 48W PMPO (2 x 2W RMS)***
- ***Standard VGA analog input***
- ***Embedded universal AC power supply***
- ***Portrait and landscape display***
- ***AUTO adjustment optimizes picture quality***
- ***User installable bezel for optional protective cover choice***
- ***Optional USB hub***

Optional USB HUB PCUH411

Optional Protective Cover XG3P40

Let's make things better.

PHILIPS

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Technical Specifications

LCD panel

• Type	TFT LCD
• Screen size	15 inch / 38.1 cm
• Pixel pitch	0.297 x 0.297mm
• LCD panel type	1024 x 768 pixels, R.G.B vertical stripe Anti-glare polarizer, hard coated
• Effective viewing area	304.1 x 228.1mm
• Display colors	16.7M colors

Scanning

• Vertical refresh rate	56~76 Hz
• Horizontal frequency	30~61 KHz

Video

• Video dot rate	80 MHz
• Input impedance	
- video	75 ohm
- Sync	5K ohm
• Input signal levels	0.7 Vpp
• Sync input signal	Separate sync Composite sync Sync on green
• Sync polarities	Positive and negative
• Video interface	Analog (D-Sub) input

Audio

• Input signal level	0.7 Vpp
• Headphone out signal level	32 ohm 20+20mW
• Input signal connector	3.5mm mini jack
• Loudspeaker	2x2W RMS Stereo front firing (PMPO: 48W)

Microphone

• Sensitivity	-55dB re 1V/µbar at 1KHz
• Output impedance	2.2K ohm max
• Directivity	-5dB at 180°
• Frequency range	300Hz~3KHz

Optical characteristics

• Contrast ratio	400 (typ.)	
• Brightness	250 cd/m^2 (typ.)	
• Peak contrast angle	6 o'clock	
• White chromaticity	x: 0.281	y: 0.311 (at 9300°K)
	x: 0.312	y: 0.338 (at 6500°K)
• Viewing angle	Upper	≥ 50°(typ.)
(C/R >5)	Lower	≥ 60°(typ.)
	Left	≥ 75°(typ.)
	Right	≥ 75°(typ.)
• Response time	≤40 ms (typ.)	

Resolution & preset modes

• Maximum	1024x768	at 75Hz
• Recommended	1024x768	at 60Hz
• 14 user definable modes		
• 14 factory preset modes:		

	H.freq (KHz)	V.freq (Hz)
640 x 350	31.5	70
720 x 400	31.5	70
640 x 480	31.5	60
640 x 480	35.0	67
640 x 480	37.8	73
640 x 480	37.5	75
800 x 600	35.2	56
800 x 600	37.9	60
800 x 600	46.9	75
800 x 600	48.0	72
832 x 624	49.7	75
1024 x 768	48.4	60
1024 x 768	56.5	70
1024 x 768	60.0	75

(Interlace mode is not applicable)

Plug and play compatibility

- Display data channel DDC 2B (VESA)
- Microsoft® Windows® 95/98/ Me & 2000/ XP compatible

Power management

Complies with EPA Energy Star and NUTEK specifications

• Typical operation	23W (typical)
• Sleep mode	2W

Low-emission characteristics

- Complies with MPR-II and TCO '99 specifications

Monitor controls and functions

• Front	Power on/off	- Tact Switch
	OK	- Tact Switch
	Auto	- Tact Switch
	Up/Down (Brightness)	- Tact Switch
	Left / Right	- Tact Switch
• LED indicator	Green	power on
	Amber	stand by/sleep mode
	Flashing Green	new mode

Multimedia Base controls & function

• Front	Power on/off &	
	Volume adjustment	- pop out rotary button
	Bass	- tack switch
	Mute	- tack switch
	Built-in Microphone	
• LED indicator	Green	power on
	Green	Bass
	Red	mute

Connections and cables

• Connections on monitor body	
- Video	15-pin D-sub (analog) connector
- DC output	12V, 6.5mm DC connector
- Power	IEC/CEE-22 type male power inlet
• Connections on base	
- Audio in & Mic out	3.5mm audio in and Mic out jack
- Headphone	3.5mm headphone jack
- Mic phone in	3.5mm Microphone in jack
• Cables	D-Sub video cable, Power cable DC 12V in flying cable on base Audio cable, Mic cable

Regulatory approvals

- TÜV/GS, TÜV-Ergo
- FCC-B, UL, CSA
- SEMKO
- MPR-II Low Emission
- CE Mark
- NUTEK, Energy Star
- TCO '99

Physical specifications

• Dimension (WxHxD)	343 x 358 x 176 mm (incl. Pedestal)
• Tilt / Swivel	-5°~25° / ±175°
• Portrait display	90° rotation counter clockwise
• Weight	4.9 Kg
• Power supply	100 – 240 VAC, 50/60 Hz
• Power consumption	23 W* (typ.)
• Temperature (operating)	+5°C to +40°C
• Temperature (storage)	-20°C to +60°C
• Relative humidity	20% to 80%
• System MTBF	50K hrs (excluding CCFL 30K hrs)

We recommend using 1024 x 768 at 60Hz non-interlaced mode for the best picture quality
As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency.
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US Patent #5,973,664

* Resolution 1024x 768, standard size, contrast max., brightness 50%, 9300°K, full white pattern, without Audio/USB.

All data subject to change without notice
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www.philips.com